



Office de la Propriété
Intellectuelle
du Canada
Un organisme
d'Industrie Canada

Canadian
Intellectual Property
Office
An agency of
Industry Canada

CA 2381173 A1 2001/02/15

(21) 2 381 173

(12) DEMANDE DE BREVET CANADIEN
CANADIAN PATENT APPLICATION

(13) A1

(86) Date de dépôt PCT/PCT Filing Date: 1999/08/05

(87) Date publication PCT/PCT Publication Date: 2001/02/15

(85) Entrée phase nationale/National Entry: 2002/02/04

(86) N° demande PCT/PCT Application No.: AT 1999/000197

(87) N° publication PCT/PCT Publication No.: 2001/011021

(51) Cl.Int. 7/Int.Cl. 7 C12N 5/10, C07K 14/745, C12N 9/64,
C12P 21/02

(71) Demandeur/Applicant:
BAXTER AKTIENGESELLSCHAFT, AU

(72) Inventeurs/Inventors:
REITER, MANFRED, AT;
MUNDT, WOLFGANG, AT;
DORNER, FRIEDRICH, AT

(74) Agent: SIM & MCBURNEY

(54) Titre : CLONE CELLULAIRE RECOMBINE STABLE, SA PRODUCTION ET SON UTILISATION

(54) Title: RECOMBINANT STABILE CELL CLONE, ITS PRODUCTION AND USE THEREOF

(57) Abrégé/Abstract:

The invention relates to a stable recombinant cell clone which is stable in a medium containing no serum and proteins for at least 40 generations, and to a biomass which is obtained by multiplying the stable cell clone under cultivation conditions that do not involve the use of serum or proteins. The invention also relates to a method for producing recombinant proteins using the biomass, to a method for producing stable recombinant cell clones, and to the production of a recombinant protein in a synthetic minimal medium that does contain serum or proteins.